



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((three dimension* or stereo*)<in>ab) <and> (wavelet*<in>ab) <and> (im..."

Your search matched **124** of **1203811** documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

 e-mail

» Search Options

[View Session History](#)

[New Search](#)

Modify Search

((three dimension* or stereo*)<in>ab) <and> (wavelet*<in>ab) <and> (image*<in>

☐ Check to search only within this results set

Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL. IEEE Journal of
Magazine

Select Article Information

View: 1-25 | 26-5

IEE JNL IEE Journal or Magazine

IEEE CONF IEEE Conference
Proceeding

IEE CNF IEE Conference
Proceeding

IEEE STD IEEE Standard

1. **Stereo vision using Gabor wavelets**
Tieh-Yuh Chen; Klarquist, W.N.; Bovik, A.C.;
Image Analysis and Interpretation, 1994., Proceedings of the IEEE Southwest
21-24 April 1994 Page(s):13 - 17
Digital Object Identifier 10.1109/IAI.1994.336690
[AbstractPlus](#) | Full Text: [PDF](#)(468 KB) IEEE CNF
2. **Fast edge-based stereo matching algorithm based on search space reduction**
Moallem, P.; Faez, K.;
Neural Networks for Signal Processing, 2002. Proceedings of the 2002 12th IEEE
4-6 Sept. 2002 Page(s):587 - 596
Digital Object Identifier 10.1109/NNSP.2002.1030070
[AbstractPlus](#) | Full Text: [PDF](#)(391 KB) IEEE CNF
3. **Development of 3-D stereo endoscopic PACS viewer**
Jeonghoon Kim; Junyoung Lee; Sungjae Lee; Myoungho Lee;
Industrial Electronics, 2001. Proceedings. ISIE 2001. IEEE International Symposium
Volume 1, 12-16 June 2001 Page(s):278 - 280 vol.1
Digital Object Identifier 10.1109/ISIE.2001.931797
[AbstractPlus](#) | Full Text: [PDF](#)(541 KB) IEEE CNF
4. **Transform coding of stereo image residuals**
Moellenhoff, M.S.; Maier, M.W.;
Image Processing, IEEE Transactions on
Volume 7, Issue 6, June 1998 Page(s):804 - 812
Digital Object Identifier 10.1109/83.679421
[AbstractPlus](#) | Full Text: [PDF](#)(312 KB) IEEE JNL
5. **Robustness of wavelet-based stereo matching for variable acquisition geometry simulated SAR images**
Schubert, A.; Small, D.; Meier, E.; Nuesch, D.;
Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE
Volume 5, 24-28 June 2002 Page(s):2759 - 2761 vol.5
[AbstractPlus](#) | Full Text: [PDF](#)(512 KB) IEEE CNF
6. **Design of multicode CDMA systems for 3-D stereoscopic video over wireless networks**

Po-Rong Chang; Chin-Feng Lin; Wu, M.J.;
Vehicular Technology, IEEE Transactions on
Volume 49, Issue 2, March 2000 Page(s):334 - 356
Digital Object Identifier 10.1109/25.832965

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(768 KB\)](#) IEEE JNL

- ☐ **7. A zerotree stereo video encoder**
Thanapirom, S.; Fernando, W.A.C.; Edirisinghe, E.A.;
Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International
Volume 2, 25-28 May 2003 Page(s):II-608 - II-611 vol.2
Digital Object Identifier 10.1109/ISCAS.2003.1206047
[AbstractPlus](#) | Full Text: [PDF\(409 KB\)](#) IEEE CNF
- ☐ **8. A novel wavelet stereo matching method to improve DEM accuracy general stereo image pairs**
Yan Xia; Anthony Tung Shuen Ho; YanWen Ji;
Geoscience and Remote Sensing Symposium, 2001. IGARSS '01. IEEE 2001
Volume 7, 9-13 July 2001 Page(s):3277 - 3279 vol.7
Digital Object Identifier 10.1109/IGARSS.2001.978327
[AbstractPlus](#) | Full Text: [PDF\(162 KB\)](#) IEEE CNF
- ☐ **9. A wavelet based stereo image coding algorithm**
Qin Jiang; Joon Jae Lee; Hayes, M.H., III;
Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1
International Conference on
Volume 6, 15-19 March 1999 Page(s):3157 - 3160 vol.6
Digital Object Identifier 10.1109/ICASSP.1999.757511
[AbstractPlus](#) | Full Text: [PDF\(420 KB\)](#) IEEE CNF
- ☐ **10. An investigation into the applicability of the wavelet transform to digital stereo image matching**
Moon, P.; de Jager, G.;
Communications and Signal Processing, 1993., Proceedings of the 1993 IEEE
Symposium on
6 Aug. 1993 Page(s):75 - 79
Digital Object Identifier 10.1109/COMSIG.1993.365869
[AbstractPlus](#) | Full Text: [PDF\(272 KB\)](#) IEEE CNF
- ☐ **11. A novel predictive coding algorithm for 3-D image compression**
Jiang, J.; Edirisinghe, E.A.; Schroder, H.;
Consumer Electronics, IEEE Transactions on
Volume 43, Issue 3, Aug. 1997 Page(s):430 - 437
Digital Object Identifier 10.1109/30.628653
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(764 KB\)](#) IEEE JNL
- ☐ **12. A family of wavelet-based stereo image coders**
Boulgouris, N.V.; Strintzis, M.G.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume 12, Issue 10, Oct. 2002 Page(s):898 - 903
Digital Object Identifier 10.1109/TCSVT.2002.804895
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(614 KB\)](#) IEEE JNL
- ☐ **13. Comparison of 3D set partitioning methods in hyperspectral image compression featuring an improved 3D-SPIHT**
Xiaoli Tang; Sungdae Cho; Pearlman, W.A.;
Data Compression Conference, 2003. Proceedings. DCC 2003
25-27 March 2003 Page(s):449
Digital Object Identifier 10.1109/DCC.2003.1194068

[AbstractPlus](#) | Full Text: [PDF](#)(192 KB) [IEEE CNF](#)

- ☐ **14. High performance wavelet-based stereo image coding**
 Jizheng Xu; Zixiang Xiong; Shipeng Li;
 Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on
 Volume 2, 26-29 May 2002 Page(s):II-273 - II-276 vol.2
 Digital Object Identifier 10.1109/ISCAS.2002.1010977
[AbstractPlus](#) | Full Text: [PDF](#)(458 KB) [IEEE CNF](#)
- ☐ **15. Compression for hyperspectral images using three dimensional wavelet**
 Sunghyun Lim; Kwanghoon Sohn; Chulhee Lee;
 Geoscience and Remote Sensing Symposium, 2001. IGARSS '01. IEEE 2001
 Volume 1, 9-13 July 2001 Page(s):109 - 111 vol.1
 Digital Object Identifier 10.1109/IGARSS.2001.976072
[AbstractPlus](#) | Full Text: [PDF](#)(646 KB) [IEEE CNF](#)
- ☐ **16. Efficient disparity-based gaze control with foveate wavelet transform**
 Jie Wei; Ze-Nian Li;
 Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ Internati
 on
 Volume 2, 13-17 Oct. 1998 Page(s):866 - 871 vol.2
 Digital Object Identifier 10.1109/IROS.1998.727309
[AbstractPlus](#) | Full Text: [PDF](#)(620 KB) [IEEE CNF](#)
- ☐ **17. Efficient lossless coding of medical image volumes using reversible inte
 transforms**
 Bilgin, A.; Zweig, G.; Marcellin, M.W.;
 Data Compression Conference, 1998. DCC '98. Proceedings
 30 March-1 April 1998 Page(s):428 - 437
 Digital Object Identifier 10.1109/DCC.1998.672188
[AbstractPlus](#) | Full Text: [PDF](#)(124 KB) [IEEE CNF](#)
- ☐ **18. Zero disparity filter based on wavelet representation in the active vision :**
 Huang Yu; Yuan Baozong;
 Signal Processing, 1996., 3rd International Conference on
 Volume 1, 14-18 Oct. 1996 Page(s):279 - 282 vol.1
 Digital Object Identifier 10.1109/ICSI96.1996.567163
[AbstractPlus](#) | Full Text: [PDF](#)(348 KB) [IEEE CNF](#)
- ☐ **19. Real-time phase-based stereo for a mobile robot**
 Frohlinghaus, T.; Buhmann, J.M.;
 Advanced Mobile Robot, 1996., Proceedings of the First Euromicro Workshop
 9-11 Oct. 1996 Page(s):178 - 185
 Digital Object Identifier 10.1109/EURBOT.1996.552018
[AbstractPlus](#) | Full Text: [PDF](#)(1288 KB) [IEEE CNF](#)
- ☐ **20. Stereo vision by cellular neural network with wavelet template**
 Hattori, T.; Tanaka, M.;
 Circuits and Systems, 1994., Proceedings of the 37th Midwest Symposium on
 Volume 1, 3-5 Aug. 1994 Page(s):630 - 633 vol.1
 Digital Object Identifier 10.1109/MWSCAS.1994.519374
[AbstractPlus](#) | Full Text: [PDF](#)(300 KB) [IEEE CNF](#)
- ☐ **21. A multiscale stochastic image model for automated inspection**
 Tretter, D.; Bouman, C.A.; Khawaja, K.W.; Maciejewski, A.A.;
 Image Processing, IEEE Transactions on
 Volume 4, Issue 12, Dec. 1995 Page(s):1641 - 1654
 Digital Object Identifier 10.1109/83.475514

[AbstractPlus](#) | Full Text: [PDF\(2040 KB\)](#) IEEE JNL

☐ **22. Tracking of multiple fluorescent biological objects in three dimensional v microscopy**

Genovesio, A.; Zhang, B.; Olivo-Marin, J.-C.;
Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conferer
Volume 1, 14-17 Sept. 2003 Page(s):I - 1105-8 vol.1
Digital Object Identifier 10.1109/ICIP.2003.1247160

[AbstractPlus](#) | Full Text: [PDF\(354 KB\)](#) IEEE CNF

☐ **23. A non-separable lifting approach for 3D image compression**

Montgomery, D.; Amira, A.; Murtagh, F.;
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04).
International Conference on
Volume 3, 17-21 May 2004 Page(s):iii - 137-40 vol.3
Digital Object Identifier 10.1109/ICASSP.2004.1326500

[AbstractPlus](#) | Full Text: [PDF\(249 KB\)](#) IEEE CNF

☐ **24. High efficiency loss-less coding method with 3-dimensional wavelet tran: volumetric data**


Hashimoto, M.; Matsuo, K.; Koike, A.;
Nuclear Science Symposium Conference Record, 2003 IEEE
Volume 4, 19-25 Oct. 2003 Page(s):2780 - 2784 Vol.4

[AbstractPlus](#) | Full Text: [PDF\(1198 KB\)](#) IEEE CNF

☐ **25. Progressive coding of stereo images using wavelets and overlapping blo**

Palfner, T.; Mali, A.; Muller, E.;
Image Processing, 2002. Proceedings. 2002 International Conference on
Volume 2, 22-25 Sept. 2002 Page(s):II-213 - II-216 vol.2
Digital Object Identifier 10.1109/ICIP.2002.1039925

[AbstractPlus](#) | Full Text: [PDF\(436 KB\)](#) IEEE CNF

 View: **1-25** | [26-5](#)

Indexed by
 Inspec®

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright: 2005 IEEE --

Printed by EAST

UserID: DMariam
Computer: WS07216
Date: 8/8/05
Time: 11:29 AM

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	88	three near3 dimension\$1 near5 position near3 measur\$6	USPAT	2005/08/08 07:54	
2	BRS	L2	2	(three near3 dimension\$1 near5 position near3 measur\$6).ti.	USPAT	2005/08/08 07:54	
3	BRS	L3	16	(three near3 dimension\$1) same (feature\$1 nar3 point\$1) same (second near2 image\$1) same position	USPAT	2005/08/08 08:00	
4	BRS	L4	0	(position\$3 near3 second near3 image) same (first near3 image) same (three near1 dimension\$3) same feature\$1 same (match\$3 or correspondence\$1 or similar\$5)	USPAT	2005/08/08 11:07	
5	BRS	L5	1	(position\$3 near3 second near3 image) same (first near3 image) same (three near1 dimension\$3) same feature\$1	USPAT	2005/08/08 09:39	
6	BRS	L6	16	(feature\$1 near2 (position\$3 or location\$1)) same (three near1 dimension\$3) same ((left or right or second) near2 image\$1)	USPAT	2005/08/08 08:10	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	L7	4	(feature\$1 near\$3 (left or right or second) near\$3 image) same match\$3 same (position\$3 or location\$1) same ((three near\$1 dimension\$3) or depth)	USPAT	2005/08/08 08:15	
8	BRS	L8	1	"6147678".pn.	USPAT	2005/08/08 08:16	
9	BRS	L9	1	"5905568".pn.	USPAT	2005/08/08 08:20	
10	BRS	L10	1	"5859922".pn.	USPAT	2005/08/08 08:22	
11	BRS	L11	1	"6516099".pn.	USPAT	2005/08/08 09:38	
12	BRS	L12	347	((graph\$5 or geometr\$5) near\$3 (match\$3 or compar\$6)) same (3d or (three near\$1 dimension\$3))	USPAT	2005/08/08 09:39	
13	BRS	L13	391	((graph\$5 or geometr\$5) near\$3 (match\$3 or compar\$6)) same (stereo\$7 or 3d or (three near\$1 dimension\$3))	USPAT	2005/08/08 09:40	
14	BRS	L14	103	13 same (location\$1 or position\$3)	USPAT	2005/08/08 09:40	
15	BRS	L15	4	14 same ((left or right or second) near\$3 image\$1)	USPAT	2005/08/08 09:49	
16	BRS	L16	1	"6052123".PN.	USPAT; USOCR	2005/08/08 09:42	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
17	BRS	L17	1	"6044168".PN.	USPAT; USOCR	2005/08/08 09:43	
18	BRS	L18	1	"5995119".PN.	USPAT; USOCR	2005/08/08 09:44	
19	BRS	L19	1	"5917937".PN.	USPAT; USOCR	2005/08/08 09:44	
20	BRS	L20	1	"5809171".PN.	USPAT; USOCR	2005/08/08 09:45	
21	BRS	L21	1	"5719954".PN.	USPAT; USOCR	2005/08/08 09:45	
22	BRS	L22	1	"5511153".PN.	USPAT; USOCR	2005/08/08 09:47	
23	BRS	L23	126	feature\$1 near\$5 (location\$1 or position\$3) near\$5 depth	USPAT	2005/08/08 09:50	
24	BRS	L24	13	23 same (stereo\$8 or (three near\$1 dimension\$3))	USPAT	2005/08/08 10:27	
25	BRS	L25	7	24 same (compar\$6 or match\$3)	USPAT	2005/08/08 09:51	
26	BRS	L26	13	14 same depth	USPAT	2005/08/08 09:53	
27	BRS	L27	1	9 and depth	USPAT	2005/08/08 09:54	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
28	BRS	L28	2150	depth near5 (three near1 dimension\$3)	USPAT	2005/08/08 09:55	
29	BRS	L30	0	29 same (feature\$1 near2 location\$1)	USPAT	2005/08/08 09:56	
30	BRS	L29	963	28 same image\$1	USPAT	2005/08/08 10:27	
31	BRS	L31	0	9 and wavelet\$1	USPAT	2005/08/08 10:27	
32	BRS	L32	101	(wavelet\$1 near3 transform\$6) same (stereo\$8 or (three near1 dimension\$3))	USPAT	2005/08/08 11:00	
33	BRS	L33	18	32 same (position\$3 or location\$1)	USPAT	2005/08/08 10:28	
34	BRS	L34	53	32 same imag\$3	USPAT	2005/08/08 10:29	
35	BRS	L35	2	34 same ((left or right or second) near3 image)	USPAT	2005/08/08 10:30	
36	BRS	L36	494	(wavelet\$1 near3 transform\$6) and (stereo\$8 or (three near1 dimension\$3))	USPAT	2005/08/08 11:00	
37	BRS	L37	63	(wavelet\$1 near3 transform\$6) same feature\$1 same (position\$3 or location\$1)	USPAT	2005/08/08 11:04	
38	BRS	L38	19	37 and (stereo\$8 or (three near1 dimension\$3))	USPAT	2005/08/08 11:01	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
39	BRS	L39	115	(wavelet\$1 near3 transform\$6) same ((node\$1 or component\$1 or image\$1 or feature\$1) near5 (position\$3 or location\$1))	USPAT	2005/08/08 11:07	
40	BRS	L40	23	39 and (stereo\$6 or (three near1 dimension\$3))	USPAT	2005/08/08 11:05	
41	BRS	L41	156	((left or right or second) near3 image) same wavelet\$1	USPAT	2005/08/08 11:07	
42	BRS	L42	4	41 same (stereo\$7 or 3d or (three near1 dimension\$3))	USPAT	2005/08/08 11:24	
43	BRS	L43	13180	depth with location\$1	USPAT	2005/08/08 11:10	
44	BRS	L44	15	43 same wavelet\$1	USPAT	2005/08/08 11:12	
45	BRS	L45	20	wavelet\$1 same (camera near2 image\$1)	USPAT	2005/08/08 11:13	
46	BRS	L46	3	45 and (stereo\$7 or (three near1 dimension\$3))	USPAT	2005/08/08 11:13	
47	BRS	L47	60	wavelet\$1 same (camera near2 image\$1)	US- PGPUB; USPAT; EPO	2005/08/08 11:13	
48	BRS	L48	3	47 and (stereo\$7 or (three near1 dimension\$3))	USPAT	2005/08/08 11:22	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
49	BRS	L49	1	(detect\$3 near2 feature\$1) same wavelet same (stereo\$7 or (three adj dimension\$3))	USPAT	2005/08/08 11:23	
50	BRS	L50	24	(detect\$3 near2 feature\$1) same (stereo\$7 or (three adj dimension\$3)) same (correspondence\$1 or match\$3)	USPAT	2005/08/08 11:24	
51	BRS	L51	14	50 same (position\$3 or locat\$4)	USPAT	2005/08/08 11:24	
52	BRS	L52	14	51 and (stereo\$7 or (three near1 dimension\$3))	USPAT	2005/08/08 11:25	
53	BRS	L53	14	51 same (stereo\$7 or (three near1 dimension\$3))	USPAT	2005/08/08 11:25	